

AMENDMENTS TO THE ABSTRACT

Please cancel the Abstract section of the specification and replace with the following:

The apparatus can continuously determine the location at which a cable is buried. Location data of a measurement standard position is acquired by RTK-GPS. The azimuth of the moving direction of the apparatus is calculated using the location data. Electromagnetic waves from a metallic wire are received by two electromagnetic signal receiving sections whose locations in the horizontal plane are different from each other, and distances from the measurement standard position to a cable in a measurement base line direction and in the vertical downward direction are calculated using the received electromagnetic signals. The depth of the cable is calculated using the distance in the vertical downward direction. The plane location data of the cable is calculated using the azimuth of the moving direction, the location data of the measurement standard position, and the distance in the measurement base line direction.